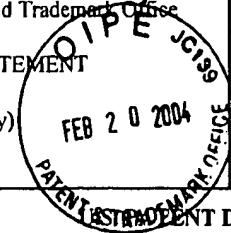


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA			
				Filing Date August 25, 2003		Group 2873	



PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
(12)		4 5 2 5 0 5 0	06/25/85	OHASHI					
		4 6 4 3 5 5 5	02/17/87	WAKABAYASHI					
		4 7 2 1 9 7 2	01/26/88	WAKABAYASHI					
		4 7 9 2 8 2 2	12/20/88	AKIYAMA et al.					
		5 8 1 8 6 4 7	10/06/98	NISHIO et al.					
		6 0 3 1 9 9 8	02/29/00	SHONO					
		4 4 5 1 1 2 9	05/29/84	IKARI et al.					
		4 6 4 3 5 5 4	02/17/87	OGAWA					
		4 7 7 1 3 0 3	09/13/88	MATSUMOYO et al.					
		4 8 8 7 1 0 7	12/12/89	NAKAMURA et al.					
		5 1 3 6 3 2 4	08/04/92	TSUBOI et al.					
		5 7 6 5 0 4 9	06/09/98	HASE et al.					
(12)		5 8 3 2 3 2 6	11/03/98	TANAKA					
		6 3 6 6 2 2 3	04/02/02	SHONO et al.					

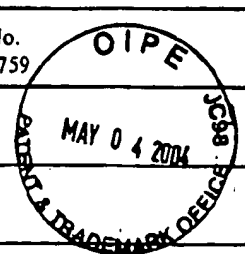
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
(12)		5 8 1 4 5 9 3 0	08/31/83	JAPAN					
		6 1 - 6 9 0 0 2	04/09/86	JAPAN					
		6 1 2 7 0 7 3 7	12/01/86	JAPAN					
		6 3 1 4 9 6 2 9	06/22/88	JAPAN					
		6 4 - 3 4 6 2 3	03/02/89	JAPAN				X	
		6 - 1 8 7 7 7	01/28/94	JAPAN				X	
(12)		7 - 1 9 1 2 4 9	07/28/95	JAPAN					
		1 1 1 0 9 2 0 3	04/23/99	JAPAN					

JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									

EXAMINER <i>P. Gray</i>	DATE CONSIDERED <i>9/14/04</i>
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U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	YEAR	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
KOS	2004	/ 0 0 4 2 0 9 5	03/04/04	NOMURA								
	2004	/ 0 0 4 2 0 9 3	03/04/04	NOMURA								
	2004	/ 0 0 6 2 5 3 6	04/01/04	NOMURA								
	2004	/ 0 0 5 1 9 6 8	03/18/04	NOMURA								
	2004	/ 0 0 5 1 9 7 0	03/18/04	NOMURA								
	2004	/ 0 0 6 2 5 3 7	04/01/04	NOMURA								
	2004	/ 0 0 5 1 9 7 2	03/18/04	NOMURA								
	2004	/ 0 0 4 2 0 9 1	03/04/04	NOMURA								
	2004	/ 0 0 4 2 0 8 9	03/04/04	NOMURA								
	2004	/ 0 0 5 1 9 7 1	03/18/04	NOMURA								
	2004	/ 0 0 4 2 7 7 7	03/04/04	NOMURA								
	2004	/ 0 0 4 2 7 7 8	03/04/04	NOMURA								
	2004	/ 0 0 5 1 9 6 9	03/18/04	NOMURA								
	2004	/ 0 0 5 1 9 6 7	03/18/04	NOMURA								
	2004	/ 0 0 4 2 7 7 5	03/04/04	NOMURA								
	2004	/ 0 0 4 2 0 9 6	03/04/04	NOMURA								
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	2004	/ 0 0 5 1 9 8 1	03/18/04	NOMURA								
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6		3 6 6 3 2 3	04/02/02	SHONO								
6		1 1 5 1 9 0	09/05/00	HIRAI								
6		0 6 4 5 3 3	05/16/00	KENIN et al.								
2003		/ 0 0 8 1 3 2 5	05/01/03	NOMURA et al.								
2001		/ 0 0 2 4 5 7 3	09/27/01	NOMURA et al.								
2002		/ 0 1 3 5 9 0 0	09/26/02	NOMURA et al.								
	6	0 7 5 6 5 5	06/13/00	FUNAHASHI								

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U.S. PATENT DOCUMENTS								
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	2002 / 0	1 3 5 9 0 1	09/26/02	NOMURA et al.				
	2003 / 0	0 8 1 3 2 7	05/01/03	NOMURA et al.				
	2002 / 0	1 3 5 8 9 6	09/26/03	NOMURA et al.				
		6 0 5 5 1 1 6	04/25/00	NOMURA et al.				
		6 2 0 4 9 7 7	03/20/01	IWASA				
		5 4 3 0 5 1 6	07/04/95	UZHIE et al.				
	2003 / 0	0 8 1 9 4 8	05/01/03	NOMURA et al.				
	2001 / 0	0 1 9 4 5 8	09/06/01	NOMURA et al.				
		4 9 9 3 8 1 5	02/19/91	YAMAZAKI et al.				
		5 8 1 8 6 4 7	10/06/98	NISHIO et al.				
		5 7 3 1 9 1 3	03/24/98	IMANARI				
		5 7 3 9 9 6 2	04/14/98	ASAKURA et al.				
	2003 / 0	1 5 6 8 3 2	08/21/03	NOMURA et al.				
		5 5 8 7 7 5 4	12/24/96	KATAYAMA et al.				
		6 0 5 2 5 3 5	04/18/00	UNO				
		5 2 2 3 8 7 3	06/29/93	TSUBOI				
		5 0 8 6 3 1 2	02/04/92	TANAKA et al.				
		5 4 9 9 1 4 3	03/12/96	SAKAMOTO et al.				
			6 0 6 9 7 4 5	05/30/00	FUJII et al.			
			6 3 2 4 0 1 9	11/27/01	TAKANASHI et al.			
		5 4 8 5 3 1 5	01/16/96	NOMURA et al.				
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U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO					
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	2002	-	2	7	7	7	1	9	09/25/02	JAPAN				
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		10	-	3	2	7	4	0	02/03/98	JAPAN			X	
	7	-	2	8	8	7	2	4	10/31/95	JAPAN			X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
	1	English Language Abstract of JP 58-10708.												
	2	English Language Abstract of JP 2003-207709.												
	3	English Language Abstract of JP 2002-277719.												
	4	English Language Abstract of JP 10-282394.												
	5	English Language Abstract of JP 58-162914.												
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